

Set	Items	Description
S1	11828	(DOCUMENT? ? OR BOOK? ? OR JOURNAL? OR MAGAZINE? OR PUBLIC- ATION? OR NEWSPAPER?) (2N) (ELECTRONIC? OR DIGITAL? OR COMPUTER- I?)
S2	1469843	TRANSFER? OR TRANSMI? OR FORWARD? OR DOWNLOAD? OR RECEIV?
S3	277708	PRINT? OR FAX?? OR FACSIMILE? OR EMAIL? OR E()MAIL?
S4	1602015	PRICE? OR FEE OR FEES OR BILL? OR PAY???? OR INVOIC? OR CH- ARG?
S5	372	S1(5N)S2
S6	63	S5 AND S4
S7	59	S6 NOT PY>2001
S8	57	S7 NOT PD=20011011:20030207
S9	55	RD (unique items)

? show files

File 2:INSPEC 1969-2003/Jan W4
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File 35:Dissertation Abs Online 1861-2003/Jan
(c) 2003 ProQuest Info&Learning

File 65:Inside Conferences 1993-2003/Feb W1
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File 233:Internet & Personal Comp. Abs. 1981-2003/Jan
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(c) 2003 The New York Times

File 475:Wall Street Journal Abs 1973-2003/Feb 06
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File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Jan
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9/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

7004357 INSPEC Abstract Number: A2001-18-8630F-008

Title: A system for performing simultaneous in situ atomic force microscopy/optical microscopy measurements on electrode materials for lithium-ion batteries

Author(s): Beaulieu, L.Y.; Cumyn, V.K.; Eberman, K.W.; Krause, L.J.; Dahn, J.R.

Author Affiliation: Dept. of Phys., Dalhousie Univ., Halifax, NS, Canada

Journal: Review of Scientific Instruments vol.72, no.8 p.3313-19

Publisher: AIP,

Publication Date: Aug. 2001 Country of Publication: USA

CODEN: RSINAK ISSN: 0034-6748

SICI: 0034-6748(200108)72:8L.3313:SPSS;1-3

Material Identity Number: R017-2001-008

U.S. Copyright Clearance Center Code: 0034-6748/2001/72(8)/3313(7)/\$18.00

Document Number: S0034-6748(01)00309-4

Language: English Document Type: Journal Paper (JP)

Treatment: Experimental (X)

Abstract: An atomic force microscope (AFM) equipped with an optical **charge** coupled device camera has been placed in an Ar filled glovebox for the purpose of studying the change in morphology of electrode materials as they react with lithium. In order to minimize noise induced by vibration, the AFM is mounted on granite blocks suspended from the ceiling of the glovebox by a combination of flexible rubber cords and metal springs. The AFM, which is equipped with an environmental chamber surrounding the sample, is then enclosed in a specially constructed draft shield that allows the circulation of Ar gas by the purification system during imaging. A special electrochemical cell was constructed to hold the working electrode under study. Repeated imaging with little drift is possible while electrodes are reacted with lithium for periods of many days. Examples of measurements made by this device will be given for the case of lithium alloying with sputter-deposited Si-Sn thin films. The optical and AFM images obtained as a function of lithium content in the films are assembled into time-lapsed "movies" showing the evolution of the morphology of the sample along with the corresponding electrochemistry. These movies are available for **download** through the **Electronic** Physics Auxiliary **Publication** Service (EPAPS). (23 Refs)

Subfile: A

Descriptors: atomic force microscopy; CCD image sensors; electrochemical electrodes; lithium; optical microscopy; secondary cells

Identifiers: simultaneous in situ measurement; atomic force microscopy; optical microscopy; electrode material; lithium ion battery; **charge** coupled device camera; argon filled glovebox; electrochemical cell; Si-Sn sputter deposited thin film; alloying reaction; Si-Sn; Li

Class Codes: A8630F (Secondary cells); A0779 (Scanning probe microscopy and related techniques); A0760P (Optical microscopy)

Chemical Indexing:

SiSn bin - Si bin - Sn bin (Elements - 2)

Li el (Elements - 1)

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9/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6953459

Title: State of Oregon gains workflow efficiency via EBPP

Journal: TODAY-The Journal of Work Process Improvement vol.23, no.2
p.31

Publisher: Assoc. Work Process Improvement,

Publication Date: April 2001 Country of Publication: USA

CODEN: TODAFN ISSN: 1073-2233

SICI: 1073-2233(200104)23:2L.31:SOGW;1-N

Material Identity Number: H216-2001-002

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The State of Oregon wanted to be among the first to implement an **electronic document** strategy to address both account **receivable** and account **payable** transactions. Pitney Bowes' docSense is providing the ability for selected employees to view reports on the Web. The solution is part of an overall electronic reporting and **payment** system delivered by doc-Sense's Digital Document Delivery (D3). D3 leverages Oregon's Existing legacy applications by using print streams or other standard output formats to convert and direct data to the proper delivery channel. The state government, working with the docSense professional services group, defined an enrollment database and loads the file through a data stream. The database is a composite of the State's authorized organizations or departments and can be updated by an authorized user through an ordinary Web browser. The purpose of this enrollment database is to provide Automated Clearing House (AGH) selection criteria in the form of bank routing number, account numbers and e-mail addresses. (0 Refs)

Subfile: D

Descriptors: document image processing; **invoicing** ; public administration

Identifiers: State of Oregon; Pitney Bowes' docSense; account receivable; account **payable** ; Digital Document Delivery; Automated Clearing House; EBPP

Class Codes: D2120 (Public administration and law applications of IT); D2050B (IT in accounting); D3045 (Records management systems for business automation)

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9/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6304033

Title: "The best laid plans..." [Internet document transfer]

Author(s): Vink, A.

Journal: Construction Computing vol.2, no.3 p.14

Publisher: Englemere,

Publication Date: June 1999 Country of Publication: UK

CODEN: CNSCEB ISSN: 0264-6854

SICI: 0264-6854(199906)2:3L.14:TBLP;1-#

Material Identity Number: J579-1999-003

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: In the past 5 years virtually every method of reducing construction project costs has been addressed, from scouring the country and overseas for the best **price** materials to haggling costs with sub-contractors-the combined effect being a downward spiral in profit margins for every sector of the construction industry. Reduced profit margins and increased competition have together highlighted the need for the industry to address the way it handles document storage and distribution as a means of clawing back some of its lost profitability.

Arnold Vink of Xerox Engineering Systems explains how **electronic document** storage and **transfer** offers the construction industry an opportunity to raise project management standards, achieve better communication between partners and improve the health of ailing profit margins. (0 Refs)

Subfile: D

Descriptors: construction industry; document image processing; electronic commerce; project management

Identifiers: construction industry; electronic document storage; Internet document transfer

Class Codes: D2115 (Property market and building industry); D3045 (Records management systems)

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9/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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6219469 INSPEC Abstract Number: C1999-05-7230-036

Title: CopySMART: a trusted monitoring system for electronic works and documents

Author(s): Minard, N.

Author Affiliation: Eurtis, Montigny-le-Bretonneux, France

Conference Title: Electronic Publishing '97. New Models and Opportunities. Proceedings of an ICCC/IFIP Conference p.283-92

Editor(s): Rowland, F.; Meadows, J.

Publisher: ICCC Press, Washington, DC, USA

Publication Date: 1997 Country of Publication: USA vii+356 pp.

ISBN: 1 891365 00 2 Material Identity Number: XX-1997-00456

Conference Title: Proceedings of IFIP Conference on Electronic Publishing

Conference Date: 14-16 April 1997 Conference Location: Cambridge, UK

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The rapid development of digital technology and information networks now permits a broad and easy dissemination of digital works and other electronic information. However, once published, it is difficult to control access, usage, manipulation and distribution of digital materials. The ease of reproduction of electronic information raises the problem of intellectual property rights (IPR), but beyond the necessity to ensure the protection of digital information and the associated rights owned by the work's originators and the various rights-holders, the need to have full management of IPR is getting crucial. More and more, authors, publishers, **fee**-collecting companies, producers, distributors, etc., are looking for tools which are able to determine the utilisation conditions of their works and to provide them with information on the usage, in order to get the reward corresponding to the exploitation of their works and to better market them. Several projects have been initiated in order to meet the needs related to IPR management. In 1992, the European Commission launched, under the ESPRIT programme, the CITED (Copyright In **Transmitted Electronic Documents**) project with the objective of defining a global model for IPR management. CopySMART represents the industrialisation of the CITED model. (0 Refs)

Subfile: C

Descriptors: computerised monitoring; copyright; information dissemination; information networks; reproduction (copying); research initiatives

Identifiers: CopySMART; trusted monitoring system; electronic works; **transmitted electronic documents**; information networks; digital works dissemination; electronic information dissemination; access control;

digital materials usage control; digital materials manipulation; digital materials distribution; electronic information reproduction; intellectual property rights management; digital information protection; utilisation conditions; ESPRIT programme; CITED project; copyright; global model

Class Codes: C7230 (Publishing and reproduction); C7220 (Generation, dissemination, and use of information); C7210N (Information networks); C0230B (Legal aspects of computing)

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9/5/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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6053314 INSPEC Abstract Number: C9811-7230-011

Title: Electronic society journals: time-honored values at new costs

Author(s): Holoviak, J.C.

Author Affiliation: American Geophys. Union, Washington, DC, USA

Conference Title: Proceedings of the 32nd Meeting of the Geoscience Information Society. The Costs and Values of Geoscience Information. Proceedings. Vol.28 p.35-40

Editor(s): Manson, C.J.

Publisher: Geoscience Inf. Soc, Alexandria, VA, USA

Publication Date: 1998 Country of Publication: USA 115 pp.

ISBN: 0 934485 29 1 Material Identity Number: XX97-03016

Conference Title: Proceedings of Meeting of the Geoscience Information Society and the Geological Society of America

Conference Date: 19-23 Oct. 1997 Conference Location: Salt Lake City, UT, USA

Availability: Publications Manager, Geoscience Information Society, c/o American Geological Institute, 4220 King Street, Alexandria, VA 22302, USA

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: Tight budgets, bad spending decisions and unwise publishing practices seem to be hastening the downward spiral of scientific journal subscriptions. Will the electronic media hasten the system to utter collapse, be its salvation or have little long-term effect on what truly matters to the scientific community? To be effective, **electronic publications** must carry **forward** the time-honored values of the scientific publication process. Among these is access by individual scientists to validated contributions to the body of knowledge-contributions that the reader can trust as the authentic version of the work. Scientific quality of publication will continue to be the highest priority. The methods of reaching these objectives may differ somewhat in the more fully electronic system than they do in the print-on-paper environment. One thing is certain: sustaining the values will not be free, and some sectors of the overall communication cycle will have to **pay**. To date, the great savings predicted for electronic publications have been elusive. Savings in paper and postage have been replaced by new costs for hardware, software, personnel training and even higher salaries for more highly skilled staff. The new features possible in electronic journals come at higher costs. So long as both print and electronic formats must be provided, there will be duplications in cost and effort. Yet are we ready to rely only on the electronic version? Perpetual care of the electronic files is a moral obligation for publishers-one whose costs are currently unknown. Experimentation is a given, but it costs money. (3 Refs)

Subfile: C

Descriptors: costing; electronic publishing; professional communication; societies

Identifiers: society journals; costs; budgets; spending decisions;

publishing practices; scientific journal subscriptions; electronic publishing; long-term effect; scientific publication process; publication quality; communication cycle; electronic journals; electronic file archiving

Class Codes: C7230 (Publishing and reproduction); C0230 (Economic, social and political aspects of computing)

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9/5/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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5878886

Title: Dixons grows EDI without chargeback threat

Journal: Chain Store Age vol.74, no.3 p.92

Publisher: Lebhar-Friedman,

Publication Date: March 1998 Country of Publication: USA

CODEN: CSAGAW ISSN: 0193-1199

SICI: 0193-1199(199803)74:3L.92:DGWC;1-2

Material Identity Number: D448-98003

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: As Britain's largest electronics retailer, Dixons could easily get away with penalizing manufacturers who don't send and **receive** trading **documents electronically**. But unlike powerful retailers stateside, the chain has managed to get the vast majority of its suppliers up and running on electronic data interchange through the art of gentle persuasion. (0 Refs)

Subfile: D

Descriptors: electronic data interchange; retailing

Identifiers: Dixons; electronics retailer; suppliers; electronic data interchange; EDI; trading documents

Class Codes: D2140 (Marketing, retailing and distribution)

Copyright 1998, IEE

9/5/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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5483117 INSPEC Abstract Number: C9703-7440-038

Title: Electronic document management in construction using auto-ID

Author(s): Finch, E.F.; Flanagan, R.; Marsh, I.E.

Author Affiliation: Dept. of Constr. Manage. & Eng., Reading Univ., UK

Journal: Automation in Construction vol.5, no.4 p.313-21

Publisher: Elsevier,

Publication Date: Oct. 1996 Country of Publication: Netherlands

CODEN: AUCOES ISSN: 0926-5805

SICI: 0926-5805(199610)5:4L.313:EDMC;1-D

Material Identity Number: P716-97001

U.S. Copyright Clearance Center Code: 0926-5805/96/\$15.00

Document Number: S0926-5805(96)00156-2

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: The construction process relies upon the effective management of a variety of project information including drawings; specifications; **bills** of quantities; and other technical data. The method of information transfer determines the ease with which information can be assimilated and used in the construction process. Despite the widespread use of computers for the ration of project information, hard copy documentation remains the

primary method of information **transfer** within the construction industry.

Electronic Document Management (EDM) systems offer a level of control over information flow within the construction process, whether documents are in hard copy or in electronic format. However, many of the existing methods of information transfer undermine the performance of EDM systems in two respects: (1) they require the user to re-enter information to register incoming documents into a data base; (2) they cannot interpret and manipulate information contained in or supporting the document. This paper describes a method of bar coding hard copy drawings in order to **electronically transfer document** information from designer to contractor. This approach is designed to improve the functionality of EDM systems where hard copy documents predominate. The paper also considers the requirements for bar code application standards which would further improve the data exchange process concerning documents. (15 Refs)

Subfile: C

Descriptors: civil engineering computing; construction industry; document handling; electronic data interchange; records management

Identifiers: electronic document management; auto-ID; construction process; project information; drawings; specifications; **bills** of quantities; technical data; hard copy documentation; bar coding; data exchange process

Class Codes: C7440 (Civil and mechanical engineering computing); C6130E (Data interchange); C7104 (Office automation)

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9/5/8 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

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5253060 INSPEC Abstract Number: C9606-7220-002

Title: Mimicry software: a new option for electronic document delivery and transfer

Author(s): Jacso, P.

Author Affiliation: Sch. of Libr. & Inf. Sci., Hawaii Univ., Honolulu, HI, USA

Journal: Online vol.19, no.2 p.74-81

Publisher: Online Inc,

Publication Date: March-April 1995 Country of Publication: USA

CODEN: ONLIDN ISSN: 0146-5422

SICI: 0146-5422(199503/04)19:2L:74:MSOE;1-H

Material Identity Number: O051-95002

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The term "mimicry software" describes a new genre of software that may solve the most nagging problem in electronic document delivery today. Mimicry software mimics-through free viewer programs-the look and feel of an original document. Using mimicry software, a document can be opened and viewed by anyone the recipient does not need to have the same hardware or operating system, the same application software, or even the same fonts that the originator of the document has used. Some mimicry software not only lets recipients display and print a document with the same typography, layout and content, but also allows them to search the document for a word or a phrase or to copy text and illustrations. Mimicry software is long overdue. The solution is here, reasonably **priced** and almost perfected with two of the four mimicry software packages discussed in the article. With modern word processing, graphics and desktop publishing software, we have improved our document formatting tools and expanded our font choices to convey our messages better. (0 Refs)

Subfile: C

Descriptors: document delivery; document handling; information retrieval

Identifiers: mimicry software; electronic document delivery; **electronic document transfer** ; free viewer programs; mimicry software packages; modern word processing; desktop publishing software; document formatting tools; font choices

Class Codes: C7220 (Generation, dissemination, and use of information); C7210L (Library automation); C6130D (Document processing techniques); C7250R (Information retrieval techniques)

Copyright 1996, IEE

9/5/9 (Item 9 from file: 2)

DIALOG(R) File 2:INSPEC

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5238480

Title: Electronic services help speed delivery and cut costs for international business mailers

Author(s): Powell, C.

Author Affiliation: R. Mail Int., London, UK

Journal: Direct Marketing vol.58, no.11 p.70-3

Publisher: Hoke Communications,

Publication Date: March 1996 Country of Publication: USA

CODEN: DIMADI ISSN: 0012-3188

SICI: 0012-3188(199603)58:11L:70:ESHS;1-X

Material Identity Number: B756-96003

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: It's a fact that more than 75 percent of all letters and trading documents now start life on a computer. The slow and difficult part for most companies is having to print, put in an envelope, and address the documents, a multifaceted operation that can take a great deal of time and prove to be expensive, especially if it's a large mailing. For international mail, the delivery time factor increases considerably. But by using electronic services, once a document has been finished on screen, the job of putting together the mailing, as far as the customer is concerned, is also finished. **Electronically transferring documents** headed overseas, along with the database of names and addresses of the recipients is the simpler, quicker, more cost-effective alternative to traditional airmail, and it is increasingly becoming the service of choice. Using the same PC (i.e. the company's existing internal computer systems) on which the document was written, businesses can transfer the information to an Electronic Mail Center in Europe where the job-production and delivery-is done for them. In cases where a company may be sending more than one document to a particular customer, the electronic system also has capacity to batch documents together, for potential additional savings on postal costs. (0 Refs)

Subfile: D

Descriptors: document delivery; document handling; electronic mail

Identifiers: electronic mailing services; document delivery; costs; international business mailers; letters; trading documents; delivery time factor; document mailing; **electronic document transfer** ; database; names; addresses; PC; internal computer systems; Electronic Mail Center; document production; postal costs; document batching; electronic **invoicing** ; Ogilvy and Mather; direct mail; digitalised template

Class Codes: D4020 (Electronic mail); D3045 (Records management systems); D2010 (Business and professional)

Copyright 1996, IEE

9/5/10 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

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4614867 INSPEC Abstract Number: C9404-0230B-003

Title: Legal implications of EDI settlements in Europe

Author(s): King, J.

Author Affiliation: Marinade Ltd., London, UK

Journal: Electronic Library vol.12, no.1 p.49-51

Publication Date: Feb. 1994 Country of Publication: UK

CODEN: ELLIDZ ISSN: 0264-0473

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: This article looks specifically at the legal implications of transmission and storage of financial information, such as **invoices** and **payment** instructions. These implications may stem from commercial law, company law or taxation law. Can the **electronic** equivalent of **documents** legally be **transmitted** instead of the paper version? Can accounting records be kept on magnetic or other data storage media, and for how long must such records be kept? Are representations of electronic messages admissible as evidence in court, and what value do they have?. (0 Refs)

Subfile: C

Descriptors: electronic data interchange; financial data processing; legislation

Identifiers: EDI settlements; Europe; legal implications; financial information; **invoices**; **payment** instructions; commercial law; company law; taxation law; accounting records; electronic messages

Class Codes: C0230B (Legal aspects); C7120 (Finance); C6130E (Data interchange)

9/5/11 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

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04190508

Title: E-mail at Anchor and Elkay: the postman doesn't ring at all

Journal: Communications News vol.29, no.5 p.30

Publication Date: May 1992 Country of Publication: USA

CODEN: CMUNA9 ISSN: 0010-3632

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: In Illinois, Elkay Manufacturing uses E-mail to stay on top of orders for its line of sinks, faucets and water coolers. From off-site PCs, Elkay representatives forward over 80% of the company's orders to the customer-service department. In return, they receive **price** quotes, shipment dates and inventory information. Anchor Glass Container Company in Tampa, Florida, enhances its customer service through the modifiable user exits available with SYSM, an E-mail system from H&W Computers of Boise, Idaho. For all users, E-mail reduces the amount of time spent contacting clients, colleagues and customers; streamlines and facilitates communications over large distances and across various time zones; and diminishes the amount of paper documents to be typed, filed, sorted and tracked. The last advantage is particularly important, for it marks a trend toward **electronic document** creation, **transmission** and storage. (0 Refs)

Subfile: D

Descriptors: electronic mail

Identifiers: Florida; H and W computers; **electronic document transmission**; electronic document storage; Illinois; Elkay Manufacturing; E-mail; sinks; faucets; water coolers; Anchor Glass Container Company;

Tampa; modifiable user exits; SYSM; Boise; Idaho; electronic document creation

Class Codes: D4020 (Electronic mail)

9/5/12 (Item 12 from file: 2)

DIALOG(R)File 2:INSPEC

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03596438 INSPEC Abstract Number: D90000969

Title: Clearing the City's streets

Author(s): Whybrow, M.

Journal: Banking Technology p.14-16

Publication Date: Feb. 1990 Country of Publication: UK

CODEN: BATEEM ISSN: 0266-0865

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The Bank of England is preparing to introduce the Central Moneymarkets Office an **electronic book entry transfer** system for sterling instruments. The CMO basically comprises two elements. There will be a central depository at the Bank of England for the custody and immobilisation of sterling money market instruments. The sterling bearer instruments accepted will be treasury **bills** ; local authority **bills** ; eligible bank **bills** ; ineligible bank **bills** ; trade **bills** ; bank certificates of deposit; building society certificates of deposit; and commercial paper. The second element of the system, an **electronic book entry transfer** system will allow the instruments to be transferred between members of the service and will also facilitate the creation of associated **payment** instructions which will be notified to each member's settlement bank for **payment** that day. (0 Refs)

Subfile: D

Descriptors: banking

Identifiers: Bank of England; Central Moneymarkets Office; **electronic book entry transfer** system; sterling instruments; treasury **bills** ; local authority **bills** ; eligible bank **bills** ; ineligible bank **bills** ; trade **bills** ; bank certificates of deposit; building society certificates of deposit; commercial paper

Class Codes: D2050E (Banking)

9/5/13 (Item 13 from file: 2)

DIALOG(R)File 2:INSPEC

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03240871 INSPEC Abstract Number: C88065061

Title: Information services in the international network marketplace

Author(s): Hepworth, M.E.

Author Affiliation: Centre for Urban & Regional Dev. Studies, Newcastle upon Tyne Univ., UK

Journal: Information Services & Use vol.7, no.6 p.167-81

Publication Date: 1987 Country of Publication: Netherlands

CODEN: ISUDX8 ISSN: 0167-5265

U.S. Copyright Clearance Center Code: 0167-5265/88/\$3.50

Language: English Document Type: Journal Paper (JP)

Treatment: Economic aspects (E)

Abstract: Innovations in converging computer and technologies are creating an international network marketplace. The technical infrastructure of this 'marketplace' is a global grid of several thousands of private computer networks used by firms and governments for producing and distributing online information services. Commercial transactions may

include, for example, electronic funds **transfer** , online **price** information, **electronic** mail and **document** delivery, credit card authorisation, and computer software. The author examines the internationalisation of the network marketplace through case studies of the London Stock Exchange and IP Sharp Associates, a Canadian computer service bureau. It shows that transnational computer networks operated by these organisations are of central importance to the production of information services and global market expansion. The final discussion focusses on the policy environment surrounding these developments in the global information economy. (49 Refs)

Subfile: C

Descriptors: computer networks; information services

Identifiers: international network marketplace; technical infrastructure; private computer networks; online information services; London Stock Exchange; IP Sharp Associates; computer service bureau; market expansion; information economy

Class Codes: C7210 (Information services and centres); C7290 (Other aspects of information science and documentation)

9/5/14 (Item 14 from file: 2)

DIALOG(R)File 2:INSPEC

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03125071 INSPEC Abstract Number: D88001463

Title: There's a rosy future in EDI

Author(s): Rochester, J.B.

Journal: CIO vol.1, no.3 p.20-1, 24-7

Publication Date: Jan.-Feb. 1988 Country of Publication: USA

CODEN: CIOOEQ ISSN: 0894-9301

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G); Practical (P)

Abstract: Electronic data interchange (EDI) is a not-so-new idea that dramatically reduces paperwork. Simply put, EDI is the electronic transfer of routine business forms-such as **invoices** , purchase orders, shipping notices, and even payments-between trading partners' computers. Using EDI software, data is keyed into on-screen templates of the appropriate business forms, which are then transferred in any of three ways: on disks or tapes physically conveyed between the firms; telecommunicated computer-to-computer using compatible hardware and software; or telecommunicated via a third party value-added network (VAN). Trading partners must adhere to prescribed standards so that forms and data are consistent. While only a small fraction of the nation's business **documents** are **electronically transmitted** at present, EDI is touted as the wave of the future. (0 Refs)

Subfile: D

Descriptors: data communication systems

Identifiers: computer telecommunications; electronic data interchange; EDI; electronic transfer; business forms; value-added network; standards

Class Codes: D2010 (Business and professional); D4000 (Office automation - communications); D5020 (Networks and inter-computer communications)

9/5/15 (Item 15 from file: 2)

DIALOG(R)File 2:INSPEC

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02460091 INSPEC Abstract Number: C85029635

Title: Communications and transmission (electronic document

management)

Author(s): Rothbart, M.

Conference Title: International Information Management Congress
Proceedings 1984 Informatics Congress p.1 pp.

Publisher: Int. Inf. Manage. Congress, Bethesda, MD, USA

Publication Date: 1984 Country of Publication: USA 181 pp.

Conference Date: 2-4 Oct. 1984 Conference Location: Singapore

Medium: Microfiche

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: Summary form only given. Four new technologies- **charge** coupled devices, microprocessors, digital optical disk storage media, and local area networks-have opened up an exciting range of applications, one of which is electronic document management (EDM). EDM is made possible through the application of all four technologies; however, the key new component is the digital optical disk, which promises to compete favourably with magnetic disk and microfilm/fiche. Optical disk technology will augment, not replace the present storage media. Microfilm and magnetic disk will remain valid memory sources in EDM systems. Microfilm/fiche, in automated filing systems, should maintain and increase its usefulness. Microfilm can be used as an effective, low cost memory, but optical disk technology, because it offers more flexibility and higher speed, will be the preferred storage media in certain applications. (0 Refs)

Subfile: C

Descriptors: **charge** -coupled devices; local area networks; microforms; optical disc storage; records management

Identifiers: microfiche; communications; transmission; **charge** coupled devices; microprocessors; digital optical disk storage media; local area networks; electronic document management; microfilm; magnetic disk; automated filing systems

Class Codes: C5320K (Optical storage); C7100 (Business and administration)

9/5/16 (Item 16 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02287730 INSPEC Abstract Number: C84035536

Title: An alternative to business forms

Author(s): Hergersberg, J.

Conference Title: XIVth International Conference of Continuous Stationery Printers. Conference Papers p.7 pp.

Publisher: Int. Master Printers Assoc, London, UK

Publication Date: 1984 Country of Publication: UK 162 pp.

Conference Sponsor: Int. Master Printers Assoc.

Conference Date: 11-12 April 1984 Conference Location: Florence, Italy

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: The use of business forms in banking is discussed; the paper concentrates on the area with the highest turnover of forms, i.e. **payment** transactions, and considers EDP methods. It discusses automated **payment document** processing, **electronic** funds **transfer** systems and cashless **payment** methods (giro transfer, direct debit and cheque) used in the Federal Republic of Germany. Predictions are made about future developments. The emphasis is upon paperless transactions. (0 Refs)

Subfile: C

Descriptors: bank data processing

Identifiers: computerisation; business forms; banking; **payment** transactions; EDP methods; automated **payment** document processing;

electronic funds transfer systems; cashless **payment** methods; giro transfer; direct debit; cheque; Federal Republic of Germany; paperless transactions

Class Codes: C7120 (Finance)

9/5/17 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00612573 00NW10-008

Pay **-per-view: Web image economics -- Image isn't everything, but images on a Web site can have a dramatic impact on transmission time, storage requirements, and...**

Held, Gilbert

Network Magazine Incorporating Data Communications , October 1, 2000 , v15 n10 p90-96, 4 Page(s)

ISSN: 1093-8001

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Discusses the economic impact of images on a Web site. Explains the relationship between storage requirements, compression, resolution, transmission time, and transmission costs. Mentions that each image incorporated into an **electronic document** consumes bandwidth when **transmitted** , as well as storage space at origin and destination. Relates that both in-house Web hosting and third-party hosting can result in a monthly **fee** , which can include a component based on the megabytes or gigabytes of information downloaded from the site. Describes the Joint Photographic Experts Group (JPEG) still-image format. Indicates several ways to obtain an image for a Web page or document: copying images from another Web site; scanning photographs from publications; and image capture with digital cameras. Reports on the emergence of products to tackle image-storage bloat. Includes three photos, two tables, a sidebar, and a screen display. (MEM)

Descriptors: Image Processing; Image Management; Web Management; Information Storage; Economics; Compression; Cost Estimation

9/5/18 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00606294 00IA07-001

E-docs join images on the Web

Henschen, Doug

Imaging & Document Solutions , July 1, 2000 , v9 n7 p14, 1 Page(s)

ISSN: 1063-4320

Company Name: LaserFiche

URL: <http://www.laserfiche.com>

Product Name: LaserFiche 5.0 and LaserFiche WebLink 5.0

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Geographic Location: United States

Presents a favorable review of LaserFiche 5.0 and LaserFiche WebLink 5.0 (\$8,995), a document management system from LaserFiche of Torrance, CA (310). Explains that it has a Web publishing module. Cites features such as affordability, ease of administration and use, plug-in options that let companies **pay** only for what they need, robust search and annotation

capabilities, zonal optical character recognition (OCR) extraction, more than 250 canned ``index card'' templates, **electronic document** support, Portable Document Format (PDF) **download** access to files, drag-and-drop functionality, and a plug-in option that tracks who made specific changes to a document. Mentions, however, that it lacks a workflow option and electronic files can only be viewed in their native applications. Concludes that it is a good choice for budget-conscious organizations. Includes a screen display and a product summary. (MEM)

Descriptors: Document Management System; File Management; Web Publishing; Enterprise Computing; Portable Documents; Client-Server Computing; Plug-ins

Identifiers: LaserFiche 5.0 and LaserFiche WebLink 5.0; LaserFiche

9/5/19 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00435375 96OL09-011

Electronic copyright under siege

Ardito, Stephanie C

Online , September 1, 1996 , v20 n5 p83-88, 6 Page(s)

ISSN: 0146-5422

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Focuses on protecting the copyright of **electronically transmitted publications** , noting that there are divergent interpretations of what copying and downloading rights are permissible under the Copyright Act of 1976, which provides protection to authors of original works. Explains that a federal report on ``Intellectual Property and the National Information Infrastructure'' encourages communication between copyright owners, but a debatable issue resulting from Congressional hearings involves the liability of service providers for their customers' use of electronic information. Notes the Copyright Clearance Center provides a centralized mechanism for organizations and individuals to **pay** royalties to publishers for copying, but does not differentiate between authors' and publishers' copyrights. Also considers policie of online services, court cases, and Internet policies. Includes two sidebars, a list of Web sites, and a list of references. (jo)

Descriptors: Copyright; Online Information; Electronic Publishing; Law; Federal Government

9/5/20 (Item 4 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00427486 96IQ06-003

Using the Internet for document delivery

Khalil, Mounir A

Internet Reference Services Quarterly , June 1, 1996 , v1 n2 p37-47, 11 Page(s)

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Discusses electronic document delivery systems and their use in libraries. Says electronic document delivery systems facilitate immediate delivery, saves staff time, eliminates the clerical process, minimizes telephone **charges** , enhances resource sharing, and provides better

understanding of the reference resource usage. Adds that the Internet will continue to offer unlimited potential for retrieving and **transmitting electronic journals** and other information directly to the user. Also says compliance with the copyright law hinders widespread use of electronic document delivery systems in libraries. Includes two reference lists. (dpm)
Descriptors: Document Delivery; Internet; Library; Administration

9/5/21 (Item 5 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00417212 96PJ03-009

Word Pro 96 -- Lotus program makes triumphant return

Mummert, Shawn

PC Today , March 1, 1996 , v10 n3 p24, 1 Page(s)

ISSN: 1040-6484

Company Name: Lotus Development

Product Name: Word Pro 96

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: Microsoft Windows 95; 486-based PC

Geographic Location: United States

Presents a favorable review of Word Pro 96 (\$100, street **price**), a rewrite of the Ami Pro word processing program from Lotus Development Corp. (800, 404). Requires a 486-based PC or higher, 8MB RAM, 17MB free hard disk space, and Microsoft Windows 95. New features include recalling different versions of document drafts from the same file, a drawing program, easy **electronic transmittal of documents** , and ready-made templates. Says it is inexpensive, it has excellent team-computing abilities, and ``modeless bars'' ease formatting and other functions. However, complains that the written documentation is limited, it lacks stability, and it is missing a few features. Calls it an extremely powerful word processor. Includes one screen display and a product summary. (bjp)

Descriptors: Word Processing; Software Review; Window Software; Business

Identifiers: Word Pro 96; Lotus Development

9/5/22 (Item 6 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00321337 93IN08-003

A message of unity -- A fledgling standard may finally put electronic data interchange on the E-mail network

Stahl, Stephanie

InformationWEEK , August 2, 1993 , n436 p28-30, 2 Page(s)

ISSN: 8750-6874

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Discusses electronic data interchange (EDI) which is the computerized exchange of business documents such as purchase orders, **invoices** , **payment** remittances, and shipping notices. Advantages of EDI use are elimination of human intervention, shorter supplier cycle times, reduced paper shuffling, and lower costs. Says that typically different networks are used for E-mail and EDI, though many are interested in combining these communications on one network. The advantages of this would include easier

management, fewer errors, and having an audit trail to track messages. A communications protocol x.435 allows structured EDI files to travel over an E-mail network. Only a handful of companies offer the product today but it is reported that major value added-networks have announced intentions to support the standard by early next year. Contains one graph and one photo. (GC)

Descriptors: **Document** Management System; **Electronic** Mail; Standards; Data **Transmission** ; Business; Office Automation; Interoperability

9/5/23 (Item 7 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00218188 90IW06-007

DEC offers data transfer, EDI software Targets internal and external corporate document management

Darrow, Barbara

InfoWorld , June 4, 1990 , v12 n23 p5, 1 Pages

ISSN: 0199-6649

Languages: English

Document Type: Product Announcements

Hardware/Software Compatibility: DEC VAX; IBM PC; Macintosh; Unix; OS/2

Geographic Location: United States

Reports that Digital Equipment Corp. announced several products that will streamline **electronic document transfer** within and between corporations. Designed to bring document management and EDI to the desktop within DEC's Network Application Support (NAS) platform, the products include: ODMS (Odesta Document Management Systems) (\$25,000 to \$150,000), an object-oriented application that tracks, stores, and retrieve documents, by Odesta Corp. of Northbrook, IL; Odesta's client software (\$500 to \$1,500); Basis Plus (&NA), a content-based retriever, from Information Dimensions of Dublin, OH; Knowledge Linker (\$NA), a Hypercard-like service for melding different documents; and DEC/EDI, EDI software that allows businesses to send and receive purchase orders, **invoices** , and the like over a variety of communications lines. (lj)

Descriptors: Data Transmission; Data Communication; Information Retrieval; Business; DEC

Identifiers: Odesta Document Management Systems; Basis Plus; Knowledge Linker; Odesta; Information Dimensions; Digital Equipment Corp.

9/5/24 (Item 1 from file: 474)

DIALOG(R)File 474:New York Times Abs

(c) 2003 The New York Times. All rts. reserv.

07793032 NYT Sequence Number: 387215000727

SAVING THE NATION'S DIGITAL LEGACY

Hafner, Katie

New York Times, Col. 5, Pg. 1, Sec. G

Thursday July 27 2000

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT:

National Academy of Sciences reports that Library of Congress is lagging in collecting and archiving Web sites, electronic journals and magazines, CD-ROM's and other digital expressions of nation's creativity;

says library needs sophisticated system for **receiving** and managing **digital documents** deposited with the library and registered for copyright and needs to recruit and retain computer experts from a field already at work on many suffering a labor shortage; recommends appointment of a new deputy librarian for strategic planning; says library also needs to work more collaboratively with other national libraries and institutions; James H **Billington** , librarian of Congress, welcomes report, which he commissioned, and says library's Digital Futures group is already at work on many of the problems it pinpoints; photo (M)
SPECIAL FEATURES: Photo
COMPANY NAMES: Library of Congress; National Academy of Sciences
DESCRIPTORS: Computers and the Internet; Archives and Records; Labor; Computers and the Internet
PERSONAL NAMES: Hafner, Katie

9/5/25 (Item 2 from file: 474)

DIALOG(R)File 474:New York Times Abs
(c) 2003 The New York Times. All rts. reserv.

07014655 NYT Sequence Number: 016519950906
COPYRIGHT CHANGES URGED FOR ELECTRONIC NETWORKS

Associated Press

New York Times, Col. 4, Pg. 4, Sec. D

Wednesday September 6 1995

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT:

Commerce Secretary Brown calls for legal protection for intellectual property as result of advances in information technology, such as Internet and computer on-line services, news conference, Washington; Presidential study group, in report titled 'Intellectual Property and the National Information Infrastructure,' says nation's growing computer communications will not flourish without safeguards against 'cyberjacks'; report recommends classifying **electronic transmissions of documents** and other materials as copies and thus expressly including them under copyright law; other recommendations in report noted (M)

DESCRIPTORS: COPYRIGHTS; ELECTRONIC INFORMATION SYSTEMS; INTERNET (COMPUTER NETWORK)

PERSONAL NAMES: CLINTON, **BILL** (PRES); BROWN, RONALD H (SEC)

9/5/26 (Item 3 from file: 474)

DIALOG(R)File 474:New York Times Abs
(c) 2003 The New York Times. All rts. reserv.

06514757 NYT Sequence Number: 747807930310
DATA CAN MOVE 45,000 TIMES FASTER, FOR A PRICE
RAMIREZ, ANTHONY

New York Times, Col. 1, Pg. 19, Sec. D

Wednesday March 10 1993

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT:

Business Technology column reports on ATM, or asynchronous transfer mode, futuristic format for packaging and transmitting computerized data and images over telephone lines; it is blazingly quick, able to send

digitized information at more than 45,000 times speed available on typical telephone lines; besides its speed, main appeal of ATM is that it offers single standardized way to **transmit** information--whether **electronic books** , high-definition movies or three-dimensional medical images; drawing (M)

SPECIAL FEATURES: Drawing

DESCRIPTORS: COMMUNICATIONS AND TELECOMMUNICATIONS; NEW MODELS, DESIGN AND PRODUCTS; TELEPHONES; DATA PROCESSING (COMPUTERS)

PERSONAL NAMES: RAMIREZ, ANTHONY

9/5/27 (Item 4 from file: 474)

DIALOG(R)File 474:New York Times Abs

(c) 2003 The New York Times. All rts. reserv.

01092123 NYT Sequence Number: 041267810709

NYS Gov Hugh Carey signs bill reducing regulation of bank branches which use machines and plastic cards instead of tellers. Law will also transfer power to approve them to State Banking Superintendent and from entire Banking Board and allow savings banks to share electronic facilities with other types of banks. Legislature passes emergency appropriation allowing state to use \$9.9 Billion in Federal funds that were frozen by State Court of Appeals decision earlier in week. Carey also signs following measures: bill prohibiting companies doing business with state from participating in boycott of Israel organized by Arab nations, bill expanding state's shield law to protect newsmen from having to reveal their sources in court cases, measure requiring state's Office of Business Permits to review certain permits, bill requiring sign-language interpreters at official proceedings involving deaf people (S) .)

New York Times, Col. 1, Pg. 3, Sec. 2

Thursday July 9 1981

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Abstract

DESCRIPTORS: DEAFNESS AND DEAF-MUTES; BOYCOTTS; DEREGULATION OF INDUSTRY; SIGN LANGUAGE; ISRAELI-ARAB CONFLICT; DISCLOSURE OF INFORMATION; LAW AND LEGISLATION (STATE AND LOCAL); LICENSES; BANKS AND BANKING; INTERNATIONAL TRADE AND WORLD MARKET; DATA PROCESSING EQUIPMENT; **JOURNALISTS ; ELECTRONIC FUNDS TRANSFER SYSTEMS (EFTS) ; NEWS SOURCES, CONFIDENTIAL STATUS OF**

PERSONAL NAMES: CAREY, HUGH L (GOV); DIONNE, E J JR

GEOGRAPHIC NAMES: NEW YORK STATE; ISRAEL, STATE OF

9/5/28 (Item 1 from file: 475)

DIALOG(R)File 475:Wall Street Journal Abs

(c) 2003 The New York Times. All rts. reserv.

04262847

Federal Express Corp is laying big plans for its new ZapMail electronic document - transmission service, plans that include space satellites and outlays of \$1.2 billion in next 10 years (S))

MONTGOMERY, JIM

Wall Street Journal, Col. 1, Pg. 7, Sec. 1

Monday July 30 1984

DOCUMENT TYPE: Newspaper JOURNAL CODE: WSJ LANGUAGE: English

RECORD TYPE: Abstract

COMPANY NAMES: FEDERAL EXPRESS CORP
DESCRIPTORS: ELECTRONIC MAIL
PERSONAL NAMES: MONTGOMERY, JIM

9/5/29 (Item 2 from file: 475)
DIALOG(R)File 475:Wall Street Journal Abs
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04250545
Federal Express Corp, responding to sluggish growth of its new ZapMail service, cuts price of using electronic document - transmission service to \$25 from \$35 (S)
Wall Street Journal, Col. 3, Pg. 44, Sec. 1
Tuesday November 13 1984
DOCUMENT TYPE: Newspaper JOURNAL CODE: WSJ LANGUAGE: English
RECORD TYPE: Abstract

COMPANY NAMES: FEDERAL EXPRESS CORP
DESCRIPTORS: POSTAL SERVICE; ELECTRONIC MAIL

9/5/30 (Item 1 from file: 583)
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09472295
E-books threaten to leave paperbacks on the shelf
AUSTRALIA: EBOOKMAN FOR ELECTRONIC BOOKS
The Australian (XAA) 22 Feb 2001 p.3
Language: ENGLISH

Franklin eBookman, a new product for electronic book, <music and personal information storage>, was first launched in Australia on 21 February 2001. The handheld device, **priced** between AU\$ 300.00 and AU\$ 500.00, function as personal digital assistant, digital voice recorder and MP3 player. The multimedia reader and content player allow users to **download** and listen to **electronic books**, listen to songs, take down notes and schedule their appointment.

COMPANY: FRANKLIN; INTERNET

EVENT: Product Design & Development (33);
COUNTRY: Australia (9AUS);

9/5/31 (Item 2 from file: 583)
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09441457
Easylife sets up 70 service stations in subway stations and supermar\
HONG KONG: EASYLIFE SETS UP 70 SERVICE STATIONS
Ming Pao Daily News (XKJ) 16 Jan 2001 P. b4
Language: CHINESE

The Hong Kong government's Easylife electronic public service website, jointly operated by Hutchison Whampao and Compaq Computer, will set up 70 service stations and provide e-commerce starting on 18 January. The Easylife site has attracted over 1mn users since its official introduction

in December 2000 according to the Information and Broadcasting Bureau. Over 200 to 300 people have chosen to register their Hong Kong ID (Identity Card) application online at the site. The Information Technology and Broadcasting Bureau is planning to add more electronic public services such as renewing drivers' licence online. To facilitate **electronic transmission of documents**, Easylife will set up 70 service stations in major shopping centres, Mass Transit Railway stations, Kowloon Motor Railway train stations, and ParknShop supermarkets to allow people easy and convenient access to electronic public service. It is believed that the government will not **charge** electronic public service site operators **fees** for the first 2.3mn transactions. It will also waive the **fees** for one more year. Only after this period of time will the government **charge** transaction **fees** on these sites. Some of the electronic public service site operators hopes they will be able to **charge** the service **fee** starting from 2003 and probably break even in 2004. *

PRODUCT: Economic Programmes-Total Govt (9008); Government (9000); Food Retailing (5400); Retail Trade (5200); Railways Construction? (1623RC); Railway Terminals & Stations (4011RT); Nonresidential Buildings NEC (1542); Database Vendors (7375);
EVENT: Company Formation (12); Company Formation (14);
COUNTRY: Hong Kong (9HON); United States (1USA);

9/5/32 (Item 3 from file: 583)

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09411315

Eleven terminalsSharp to sell Zaurus PDA software via Seven-

JAPAN: 7DREAM.COM, SHARP ALLY IN SOFTWARE SALES
Nikkei Net Interactive (ATM) 24 Nov 2000 NihonKeizai Shimbun online
Language: ENGLISH

An alliance will soon be forged in Japan between 7dream.com, an e-commerce unit of Seven-Eleven Japan Co (Seven-Eleven) and Sharp Corp, paving way for the latter to sell software used in the Zaurus series of personal digital assistants (PDAs) at convenience stores. Via the tie-up, the PDA software will be sold online through a multi-function terminal installed at Seven-Eleven convenience stores in November 2000. With **price** ranging from several hundred to several thousand Yen, the software includes English educational material, **electronic books** and business software. Users can **download** the software onto a memory chip-embedded card upon **paying** money in the terminal.

COMPANY: SHARP; SEVEN-ELEVEN JAPAN; 7DREAMCOM

PRODUCT: Food Stores NEC (5499);
EVENT: Company Formation (14); Marketing Procedures (24);
COUNTRY: Japan (9JPN);

9/5/33 (Item 4 from file: 583)

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09410803

E-books to keep blind in touch

NEW ZEALAND: ELECTRONIC BOOK FOR THE BLIND
New Zealand Herald (XAV) 21 Nov 2000 Online

Language: ENGLISH

In New Zealand, Pulse Data International (Pulse Data) and Microsoft will team up to come out with an electronic book interface for the eyesight-impaired. Under the alliance, Pulse Data will design translation software for the blind to **download electronic books** in Microsoft Reader. Once **downloaded**, the books can be either played on a speech synthesiser that is built in or read on the BrailleNote handheld PC, which is designed for the blind. According to Dr Russell Smith, managing director of Pulse Data, the software will enable e-books to be translated into Braille for blind readers. Pulse Data will also be turning out a directory search system for Braille-based e-books. This system will come with secured credit card **payment** and ordering functions. In addition, a web browser will also be designed for the BrailleNote to enable the blind to surf on the Internet. On separate matter, Pulse Data has revealed that it will soon introduce two VoiceNote versions. **Priced** at around NZ\$ 4,000, the new products will be equipped with synthesised speech only.

COMPANY: INTERNET; MICROSOFT; PULSE DATA INTL

PRODUCT: Computer Terminals (3573TL); Voice Recognition (4811VR); Computer Software (7372);

EVENT: Product Design & Development (33); Company Formation (14);

COUNTRY: New Zealand (9NEZ); United States (1USA);

9/5/34 (Item 5 from file: 583)

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09323958

Taylor & Francis Signs 3-Year Pact To Sell E-Books

UK: TAYLOR & FRANCIS UNVEILS INTERNET PLANS

Wall Street Journal Europe (WSJ) 13 Jul 2000 p.4

Language: ENGLISH

Taylor & Francis Group, the UK based academic publishing group, has revealed that it is intending to make its 17,000 titles available over the Internet in electronic book format. Some 3,000 of its titles will be available in this format by the end of 2000, with the remaining 14,000 being available by the middle of 2001. The **electronic books** will be able to be **downloaded** onto personal computers or hand held devices, and up to 1,000 new titles will be added to the backlist every year. The company is expecting to **charge** around 20% less for the electronic version than the hard copy versions.

COMPANY: TAYLOR & FRANCIS GROUP

PRODUCT: Book Publishing (2731);

EVENT: General Management Services (26); Marketing Procedures (24);

COUNTRY: United Kingdom (4UK);

9/5/35 (Item 6 from file: 583)

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09234564

Amazon Sets Pact With Audible

US: AUDIBLE IN MARKETING DEAL WITH AMAZON

Wall Street Journal Europe (WSJ) 02 Feb 2000 p.8

Language: ENGLISH

US-based Audible, a retailer of radio programmes, speeches and recordings of books and articles, has concluded a marketing and investment deal with US online bookseller Amazon. By the terms of the three-year deal, Audible's spoken word recordings will be sold on Amazon, together with **digital downloads** of **book** readings, for use on personal computers and mobile devices. Amazon will invest US\$ 20mn in the company and receive a 5% stake in return, while Audible will **pay** US\$ 30mn to Amazon.

COMPANY: AMAZON; AUDIBLE

PRODUCT: Book Publishing (2731); Compact Discs (3652CD);
EVENT: Company Financial Data (80); Company Formation (14); Marketing
Procedures (24);
COUNTRY: United States (1USA);

9/5/36 (Item 7 from file: 583)

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09220611

Gates outlines non-PC market plan

US: MICROSOFT TO REVAMP PORTABLE DEVICES

Los Angeles Times Online (AUD) 06 Jan 2000 p.1

Language: ENGLISH

Microsoft is revamping its operating system for portable consumer devices.

Bill Gates has introduced a new version of Microsoft Network's mobile operating system that will allow users to get e-mails, news and trade stocks from cell phones. Microsoft has also renamed its updated Windows CE operating system for portable consumer devices the Pocket PC. It will incorporate software on the system that allows **electronic books** to be **downloaded** and digital music/video. Microsoft is not abandoning its core computer software but recognising newer versions of everyday electronics. The market for these non-PC appliances is expected to grow from nothing to a US\$ 8bn industry by 2002.

COMPANY: MICROSOFT

PRODUCT: Computer Software (7372);
EVENT: Planning & Information (22);
COUNTRY: United States (1USA);

9/5/37 (Item 8 from file: 583)

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09090238

Cisco's Carrico to Resign, Return to Start-Up Realm

US: **BILL** CARRICO LEAVES CISCO FOR MORE START-UPS

Wall Street Journal Europe (WSJ) 16/17 Apr 1999 p.5A

Language: ENGLISH

Bill Carrico, the entrepreneur who sold his most recent company to Cisco Systems 12 months ago, is to resign his top-level post at the US computer networking group and will return to start-ups, in particular, NuvoMedia, a Californian based manufacturer of portable devices for **downloading** and

reading so-called **electronic books** . Since September 1998, Mr Carrico has been Cisco's vice-president for small-to-medium business, a sector where Cisco has expanded significantly in recent years.

COMPANY: NUVOMEDIA; CISCO SYSTEMS

PRODUCT: Wide Area Network Equipment (3661WN);
EVENT: Officers & Directors (54);
COUNTRY: United States (1USA);

9/5/38 (Item 9 from file: 583)

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06696163

Domestic firms to try 'electronic book' sales

JAPAN: TRIALS OF ELECTRONIC BOOK SALES TO START
The Japan Times (XAO) 26 Sep 1998 P.12
Language: ENGLISH

4 Japanese firms, Hitachi Ltd, Fujitsu Ltd, Nippon Printing Co and UC Card Co, will begin trial runs of sales of '**electronic books**' that allow users to **download** the contents of magazines and books from the Internet for immediate reading. The firms will sell e-books including weekly and monthly magazines, comic books, travel guides, pictorial books and text books. The test runs will be held on a home page, 'Book World', that will be opened by Dai Nippon Printing. Fujitsu and Hitachi will establish the system while members of UC Card will be able to buy the books. Shoppers can download the contents of the books and magazines they want to read on their own personal computers and **pay** through credit card.

COMPANY: INTERNET; UC CARD; NIPPON PRINTING; FUJITSU; HITACHI

EVENT: General Management Services (26);
COUNTRY: Japan (9JPN);

9/5/39 (Item 10 from file: 583)

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06650543

GAMLA BILDER PA NYTT SATT

SWEDEN: QTEK'S NEW METHOD OF MAKING MICROFILMS
Dagens Industri (DI) 30 Jun 1998 p.15
Language: SWEDISH

Qtek Aperture Card AB, a Karlskrona-based company that uses US technology and specialises in **receiving** computerised design drawings and other **documents** and **electronically** converting them to microfilms. The company also sells machinery for large companies that wish to manufacture their image cards themselves. The machinery to be manufactured in Karlskrona are to be sold in the US. Qtek claims that microfilm is superior to digital systems as regards long-term storage of information. The company also says that its system of manufacturing microfilms without chemicals and the usual photo process makes the films only half the **price** of the ones manufactured with traditional methods. Qtek co-operates in Karlskrona with the military hardware company Bofors, which is part of the Celsius group. Bofors manufactures the machinery for Qtek on a subcontractor basis.

Swedish Qtek is 95% owned by Chirster Karström who is also part owner of the US company which is to buy a third of the
PRODUCT: Electronic Components NEC (3679);
EVENT: Companies Activities (10);
COUNTRY: Sweden (5SWE);

9/5/40 (Item 11 from file: 583)

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06516230

DLT zakupitsya po provodam

RUSSIA: DLT INTRODUCES AUTOMATION SYSTEM
Delovoi Peterburg (ZEH) 3 Sep 1997 p.5
Language: RUSSIAN

The St. Petersburg-based department store Dom Leningradskoi trgovli (DLT) has installed the automated system of control over goods flow ACCRAC-Masterpiece. Now DLT has started working with electronic documents, such as **invoices**. Some suppliers of DLT, such as clothing producer Fabrika odezhdy Sankt-Peterburg (FOSP), wholesale companies Gran and Uniland will switch to using **electronic transfer of documents** for goods supplied to DLT.

COMPANY: UNILAND; GRAN; FOSP; ACCRAC-MASTERPIECE; DOM LENINGRADSKOI TORGOVLI; DLT

PRODUCT: Department Stores (5311);
EVENT: General Management Services (26);
COUNTRY: Russia (6USSRU);

9/5/41 (Item 12 from file: 583)

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06514656

GlobalNet launched "private line benefits"

HONG KONG: PRIVATE ON-LINE, \$2,300 PER MONTH
HK Economic Times (XKH) 03 Sep 1997 p.A33
Language: CHINESE

GlobalNet recently offers benefits to new company customers who apply for its private on-line service. New customers can enjoy 24-hour 64K independent private on-line service by **paying** HK\$2,300 a month, in which the independent private line enables customers to avoid any congestion during peak hours. GlobalNet offers a wide range of Internet services, including roaming in global interactive world wide web, send and **receive** e-mails and **document**, **receive** **electronic** news and **download** application software. *

COMPANY: INTERNET; GLOBALNET

EVENT: Marketing Procedures (24);
COUNTRY: Hong Kong (9HON);

9/5/42 (Item 13 from file: 583)

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06452637

Etes-vous compatible avec SESAM-Vitale ?

FRANCE: SESAM-VITALE UPSETS PHARMACISTS

Le Moniteur des Pharmacies et des Laboratoires (XNJ) 8 Mar 1997
p.18-20,22,24,27

Language: FRENCH

Health professionals who are unable to send their treatment slips in electronic form to the CPAM (Medical Insurance Fund) by 31 December 1998 will have to **pay** a fine. The first phase of the SESAM-Vitale system in France consists in putting into circulation the Vitale 1 card, which will contain all of the data needed to reimburse the treatment. These professionals must therefore adapt their equipment and the computer architecture which they work with. In addition to the modem needed to **transmit** the **electronic documents** needed to reimburse treatment, they will need a card reader. The SESAM-Vitale system is based on two cards with microprocessors, including Vitale which identifies the patient but which is not a **payment** card, and the CPS health professional identification card. The SESAM-Vitale project, which originally was designed to lower the CPAM's management expenditures, has now become a tool for controlling medical expenditures.

COMPANY: SESAM-VITALE

EVENT: General Management Services (26);

COUNTRY: France (4FRA);

9/5/43 (Item 14 from file: 583)

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06400053

Electronic link launched for forwarders, shippers

SINGAPORE: EDITRANS MAKES DEBUT

Business Times (XBA) 29 Nov 1996 P.S1

Language: ENGLISH

The Electronic Transportation System Message Specification (Editrans), a newly-developed system which enable shippers and freight **forwarders** to exchange **electronic** shipment **documents** locally and internationally, has been launched by its developing committee. The system, which part of the Singapore's Tradenet Plus, will be the first such transaction link between 2 participating parties here in Singapore. Editrans was developed by a committee comprising the Trade Development Board (TDB), the National Computer Board (NCB), the Singapore Freight Forwarders Association (SFFA), the Singapore Confederation of Industries, the Singapore Article Number Council (SANC) and Singapore Network Services Pte Ltd (SNS). The system will allow transport documents and packing lists to be sent by shippers to the forwarders. Exchange of documents such as **bills** of lading, manifests, **invoices** and arrival notices, will also be possible.

COMPANY: SNS; SINGAPORE NETWORK SERVICES; SANC; SINGAPORE ARTICLE NUMBER COUNCIL; SINGAPORE CONFEDERATION OF INDUSTRIES; SFFA; SINGAPORE FREIGHT FORWARDERS ASSN; NCB; NATL COMPUTER BOARD; TDB; TRADE DEVT BOARD

PRODUCT: Freight Transport (4002); Water Transportation (4400); Freight Forwarding (4712FF);

EVENT: General Management Services (26); Product Design & Development (33);

COUNTRY: Singapore (9SIN);

9/5/44 (Item 15 from file: 583)

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06295842

Telecom rivals unite on link for London

UK: NEW LONDON E-MAIL NETWORK PLANNED

Financial Times (FT) 16 Apr 1996 p.11

Language: ENGLISH

Three groups in the UK capital London, the London Research Centre, the CBI and the London Pride Partnership, are aiming to remove the problem of incompatible **document transfer** and **electronic** mail services in the city through the creation of their own service, to be known as LondonLink. The service will **charge** subscriptions to users and the main supply work for the infrastructure is to be a joint effort by the US firm AT&T and British Telecom. These two firms will be paid out of the eventual subscription payments and are getting nothing up front.

(c) Financial Times 1996

COMPANY: AT&T; LONDON PRIDE PARTNERSHIP; LONDON RESEARCH CENTRE; BRITISH TELECOM

PRODUCT: Computers & Auxiliary Equip (3573); Communications Eqp ex Tel (3662);

EVENT: Plant/Facilities/Equipment (44); Capital Expenditure (43); Use of Materials & Supplies (46); Contracts & Orders (61);

COUNTRY: United Kingdom (4UK); United States (1USA);

9/5/45 (Item 16 from file: 583)

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05916674

Telefonica implanta el documento electronico/

SPAIN:NEW TELEFONICA SYSTEM

Cinco Dias (CDS) 2 Dec 1993 p.9

Language: SPANISH

Telefonica Servicios Avanzados de Informacion of Spain, a subsidiary of telephone company Telefonica, has announced plans for a pilot **electronic document transmission** service for the Spanish Social Security. The 'Red' system will use the Mensatex X400 electronic mail system, the RedI EDI service and the Iberpac data transmission network. The service will be aimed at around 20,000 companies which currently administer their own **pay-roll** and social security payments. **

COMPANY: TELEFONICA; TELEFONICA SERVICIOS AVANZADOS DE INFORMACION

PRODUCT: Message Switches (3661MS); Electronic Data Interchange (4811ED);

EVENT: Product Design & Development (33);

COUNTRY: Spain (4SPA);

9/5/46 (Item 17 from file: 583)

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05720149

Digital killed the audio star

UK - DIGITAL KILLED THE AUDIO STAR

Financial Times (C) 1992 (FT) 27 February 1993 p9

In 1983, Virgin group founder Mr Richard Branson showed a record **magazine** an **electronic** box which could **receive** music from satellites and transfer it to people's stereo systems. The box was an April Fool's hoax. To Mr Branson's delight, the magazine fell for it, running the story on its front page. Ten years later, no one is laughing. Households in the US can already **pay** to have compact disc-quality music broadcast to their homes. Using newly available digital recording machines, they can make copies as clear as anything they can buy from their local record shop. Some in the music industry believe that, as such services become more widely available, the compact disc, the cassette - even the record shop itself - could disappear. In their place would be a home juke box, from which people could select CD-quality albums or single tracks, and record them whenever they wished. Some go further: with music available on request and at the touch of a button, people will not even bother to record it. Similarly, instead of going to the video store to rent a film or waiting for a movie to appear on television, cable subscribers could order whatever film they wanted and it would immediately appear on their screens.**

Copyright: Financial Times Ltd 1992

PRODUCT: Consumer Electronics (3650); Compact Disc Players (3651CP);

EVENT: NEW TECHNICAL PROCESS/TECHNOLOGY (32);

COUNTRY: United Kingdom (4UK); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

9/5/47 (Item 18 from file: 583)

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04072043

EDI-MUSIK PHASE 2 TO BE LAUNCHED

FRANCE - EDI-MUSIK PHASE 2 TO BE LAUNCHED

Billboard (BBD) 19 January 1991 p45,67

ISSN: 0006-2510

EDI-MUSIK is to launch phase 2 of a computerised retailing project at the MIDEM convention to be held in Cannes, France on 20-24 January 1991. Phase 2 includes a EDIFACT standard computerized data exchange network, allowing merchandisers and suppliers to **transfer bills**, orders and various other **documents electronically**. Involved in the project to date are: Cybelia (Secamp, France), Fy/Solstice (Paris, France), Scanlen'disc (Toulouse, France), REM (France), Preludio (Crissier, Switzerland), and AMG (Lievelles, Belgium). EDI-MUSIK, which is being developed together with GFI (Paris, France) computer software and services house, is aimed at strengthening the position of independents against international giants: EMI, WEA, Bertelsmann, Sony and Polygram, which account for 80% of the total market. Phase 1 of the project was completed in spring 1990 and included a prototype system. Phase 3 is to include an inter-company messaging system, based on the X.400 standard. The project has been awarded USD1r300k development and public funding from the Trade Electronic Data Exchange Systems (TEDIS).

PRODUCT: Records & Tapes (3652); Electronic Data Interchange (4811ED);

Value Added Networks (4840VA);

EVENT: PRODUCTS, PROCESSES & SERVICES (30);

Bode Akintola 07-Feb-03

COUNTRY: European Community (4EC); United Kingdom (4UK); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

9/5/48 (Item 1 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00130094 DOCUMENT TYPE: Review

PRODUCT NAMES: E- Billing (839639)

TITLE: Paper Leads the Billing Race: Customer caution leaves electronic...

AUTHOR: Gair, Cristina

SOURCE: Small Business Computing, v6 n5 p27(2) May 2001

ISSN: 1529-5117

HOME PAGE: <http://www.smalloffice.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

A user, a provider, and an analyst discuss the stagnant acceptance of electronic **bill** presentment and **payment** (EBPP) in the U.S. User Brian Mason, who operates a computer consultancy, would like to save much more time, which to him is a lot of money, by using QuickBooks 2001's built-in EBPP feature. QuickBooks 2001 allows users to send out **invoices** and receive payments electronically and provides a hyperlink in the **invoice** to which the customer can link to view **billing** information. However, due to the low acceptance of EBPP in the U.S., Mason has only convinced one customer to **pay** with EBPP. The 370,000 seasonal subscribers to the 'San Antonio News Express' can also be **billed** and can **pay** electronically for subscriptions. For each paper **bill**, the newspaper spends 25 percent of the cost of the subscription for processing. The paper would like subscribers to use its **BillServ** e-**billing** service, but only 1,200 have signed up to date. A special projects coordinator for the paper is developing a program to forge partnerships with a local cable provider and utility companies to make it easier and more convenient for customers to use EBPP. The analyst says adoption of EBPP substantially reduces costs for businesses, since the cost of sending the average **bill** is cut in half when **bills** are e-mailed. Six resources providing information about EBPP are listed, including the Web site of the Electronics Payments Association (nacha.org).

COMPANY NAME: Vendor Independent (999999)

SPECIAL FEATURE: Charts

DESCRIPTORS: Accounting; **Billing**; E- **Billing**; EFT (**Electronic Funds Transfer**); **Newspapers**; Small Business

REVISION DATE: 20020227

9/5/49 (Item 2 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00124891 DOCUMENT TYPE: Review

PRODUCT NAMES: Certified Mail Server (009962); UPS Document Exchange

(009971)

TITLE: Secure Document Delivery Gains Favor
AUTHOR: Hulme, George V
SOURCE: Information Week, v795 p89(1) Jul 17, 2000
ISSN: 8750-6874
HOME PAGE: <http://www.informationweek.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

CertifiedMail's Certified Mail Server, United Parcel Service of America's UPS Document Exchange, and the U.S. Postal Service's PosteCS are highlighted in a discussion of secure document delivery methods that send documents over the Internet with enhanced, more secure features desired by businesses. For instance, a large law firm uses Microsoft Outlook as an e-mail server, but the return-receipt features do not work in external environments. Therefore, the law firm chose to deploy Certified Mail.com, an easy-to-use turnkey mail system that protects the confidentiality and integrity of documents and e-mail messages sent by lawyers inside and outside the firm. A spokesman for Certifiedmail.com says use of secure document delivery will expand quickly, even though most companies have had available less user-friendly technologies, including Secure/Multipurpose Internet Mail Extensions (S/MIME) or digital certificates, for some time. Certifiedmail.com **charges** a flat annual **fee** of \$99 per user for unlimited use of its Web service, which is free to individuals. UPS **charges** by the message for tracking and encoding; a lower **fee** is **charged** for documents that are only trackable. An analyst interviewed says outsourced secure e-mail will lower costs as compared with overnight delivery services, and speed of delivery in the new global economy is another significant advantage.

COMPANY NAME: CertifiedMail.com Inc (684261); United Parcel Service of America Inc (UPS) (672238)
SPECIAL FEATURE: Charts
DESCRIPTORS: **Digital** Certificates; **Document** Management; E-Mail; File **Transfer** ; Internet Security
REVISION DATE: 20010330

9/5/50 (Item 3 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00122795 DOCUMENT TYPE: Review

PRODUCT NAMES: Digital Receipts (841803)

TITLE: Safe Passage: Digital receipts ensure that a transaction completed...
AUTHOR: Schwartz, Winn
SOURCE: Network World, v17 n9 p95(3) Feb 28, 2000
ISSN: 0887-7661
HOME PAGE: <http://www.nwfusion.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Digital receipts can provide confirmation of the sender's identity, origination of the time stamp, validation of contents, and delivery time stamping. Digital receipt services are provided by Internet Express companies, which **transmit** verifiable and legally viable **electronic documents**. Standard e-mail, which is sent from sender to receiver in a mostly dependable way, does not ensure that the sender is who he says he is or that the recipient received the message. No tracking method is in place to locate or pinpoint the status of a message as it moves between two points. However, Internet Express companies, or digital receipt product vendors, resolve various problematic issues. Internet Express gained legal status with the passage of E-SIGN, the Electronic Signatures in Global and National Commerce Act (HR-1714) in 1999. E-SIGN encourages use of electronic transmission as an alternative to overnight carriers for everyday business requirements. Digital receipts are especially useful for legal and financial statements, employee information, electronic **bills**, **bill payment** processing, and shareholder communications. Large brokerages are entering the business, including Datek and TD Warehouse Group. Two foundational architectures are available for building digital receipt systems: World Wide Web server or direct-to-user. Click2Send, ValiCert, and Tumbleweed use the Web server method, while PostX and Private Express use the direct-to-user method.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Tables Charts
DESCRIPTORS: Digital Certificates; Document Management; E-Commerce; EFT
(Electronic Funds Transfer); Internet Utilities
REVISION DATE: 20000530

9/5/51 (Item 4 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00114165 DOCUMENT TYPE: Review

PRODUCT NAMES: Internet Utilities (834904); Fax Software (830283)

TITLE: Just can't get enough: IP services give faxing new power

AUTHOR: Fleming, John

SOURCE: Communications News, v35 n11 p84(2) Nov 1998

ISSN: 0010-3632

HOME PAGE: <http://www.comnews.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Faxing is one of the biggest forms of communication in the business world, with 400 **billion** pages faxed worldwide in 1998. There are nearly 100 million fax machines worldwide, and faxing represents a big part of the telecommunications industry. Most fax machines are group resources shared by multiple users, which makes it less convenient than other methods of communication. They are also not secure or encrypted, and it is difficult to apply any sort of privacy to a fax. An IP-based fax service eliminates some of these disadvantages. This type of Internet fax service connects desktop computers and standard fax machines to a fax server at a network service provider's network. This approach can make sending and receiving faxes as easy as sending and receiving e-mail. The fax server moves each job to its destination efficiently; the fax may be sent either to a fax application on a desktop system, or as a graphic file e-mail attachment. There are a number of benefits to transferring faxes over a data network

instead of a telephony network. Users can view the real-time status of all faxes, send faxes to large lists of recipients, print faxes on high-quality printers, **forward** faxes **electronically**, and distribute **documents** to a combination of fax devices and e-mail systems.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Charts
DESCRIPTORS: Fax Software; Internet Utilities; Network Software
REVISION DATE: 20010330

9/5/52 (Item 5 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00108377 DOCUMENT TYPE: Review

PRODUCT NAMES: EDI (Electronic Data Interchange) (830052); E-Commerce (836109)

TITLE: EDI in the New EC Order
AUTHOR: Navas, Deb
SOURCE: ID Systems, v18 n3 p26(4) Mar 1998
ISSN: 0892-676X
HOMEPAGE: <http://www.idsystems.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Electronic commerce is growing at an enormous rate, with one study showing the total value of goods and services traded between companies over the Internet reaching \$8 **billion** for the current year. Electronic commerce includes current growth of electronic data interchange (EDI). EDI, part of electronic commerce, grows beyond private, value-added networks. EDI represents the **transmittal of electronic documents** formatted in standardized transactions. EDI has long been used to exchange data between trading partners. Traditionally, EDI has operated over private, value-added networks. For smaller users however, the cost of proprietary EDI has been prohibitive. Some of the major VAN suppliers now provide lower-cost Internet-based EDI services, making the benefits of EDI available to many more people. Using the Internet for EDI and other messaging services is practical for EDI service providers and users. It provides lower communications costs, better transmission facilities, and the ability to quickly connect with many people. Reliability and data security are major issues with Internet-based EDI. The Internet is more vulnerable to attack however, which has caused some users to be reluctant to deploy Internet-based EDI.

COMPANY NAME: Vendor Independent (999999)
DESCRIPTORS: Data Communications; E-Commerce; EDI (Electronic Data Interchange); Internet Marketing
REVISION DATE: 20020227

9/5/53 (Item 6 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00107024 DOCUMENT TYPE: Review

PRODUCT NAMES: EC Exchange 1.1 (659631); GE TradeWeb (626945); Harbinger Express 2.0 (694631)

TITLE: Internet-based solutions: Make the connection

AUTHOR: Dunn, Julie Mitchell, Lori Leung, Amy

SOURCE: InfoWorld, v20 n14 p74(7) Apr 6, 1998

ISSN: 0199-6649

HOMEPAGE: <http://www.infoworld.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: B

EC Company's EC Exchange 1.1 (the editor's choice), GE Information Services' GE TradeWeb, and Harbinger's Harbinger Express 2.0 provide the tools for allowing small suppliers to easily connect with EDI-enabled larger firms. EC Exchange is a PC-based system that lets smaller companies send and **receive** business **documents** and payments **electronically**. It integrates well with popular business applications, and users can import or export ASCII or Microsoft Excel files. EC Exchange is the only solution that can work with banks to automatically transfer funds between accounts using electronic funds transfer and the Automated Clearing House network, a big advantage for companies wanting to speed up the **payment** process. However, the system does not notify the user of the arrival of new documents, so the Web mailbox must be checked regularly. GE TradeWeb is also easy to implement and has an intuitive browser-based interface. However, TradeWeb does not integrate with back-end applications, and does not have any reporting or archiving features. TradeWeb was developed because GE's value-added network customers needed a way to extend their reach to smaller suppliers that could not trade via traditional EDI. TradeWeb is a Web-based service, through which users can access a secure Web server to retrieve EDI documents that have been translated into HTML, or send HTML documents for translation into EDI. Harbinger Express, another Web-based service, makes EDI accessible to low-volume trading partners. Like the GE solution, however, it is not adequate for a larger business.

COMPANY NAME: EC Co (629359); General Electric Information Services Co (350541); BMC Software Inc (467219)

SPECIAL FEATURE: Screen Layouts Buyers Guides

DESCRIPTORS: EDI (Electronic Data Interchange); EFT (Electronic Funds Transfer); Internet Marketing; Internet Utilities

REVISION DATE: 20021024

9/5/54 (Item 7 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00069976 DOCUMENT TYPE: Review

PRODUCT NAMES: AR/COEP (533408)

TITLE: Federal Express Eliminates Billing Headaches with GE Information S..

AUTHOR: Cudjoe, James

SOURCE: Telecommunications, v28 n10 p78(1) Oct 1994

ISSN: 0278-4831

HOMEPAGE: <http://www.telecoms-mag.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Electronic data interchange (EDI) **transfers documents** in **electronic** form between computers. EDI has been deployed successfully in many companies to transfer information and improve productivity and efficiency. One of the largest small package shippers in the nation handles 56,000 checks daily through its accounts receivable department. The company is looking into the possibility of creating a system, where they would link electronically to their customers and their customers' banks, allowing payments to be made electronically. The electronic **payment** system would facilitate initiation, reporting, and reconciliation of the electronic payments. During the first year of automated payments, two percent of receivables were handled electronically. That number has risen to 12 percent. The system is beneficial to both the shipper and its customers.

COMPANY NAME: General Electric Information Services Co (350541)
SPECIAL FEATURE: Charts
DESCRIPTORS: Data Communications; EDI (Electronic Data Interchange); EFT (Electronic Funds Transfer); Freight Handling; Shipping
REVISION DATE: 20020630

9/5/55 (Item 8 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00060573 DOCUMENT TYPE: Review

PRODUCT NAMES: Common Ground 1.0 Macintosh (432679); Adobe Acrobat 1.0 Macintosh (433039); Replica for Macintosh 1.0 (497851); WorldView 1.1 Macintosh (361461)

TITLE: Brave New Documents
AUTHOR: Seiter, Charles
SOURCE: Macworld, v11 n1 p102(6) Jan 1994
ISSN: 0741-8647
HOME PAGE: <http://www.macworld.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

This review of document interchange software features seven popular products. These packages vary in capabilities, strengths, and weaknesses. All are available for the Macintosh operating system, and support PICT graphics. Many of these products feature JPEG compression. All but one, Adobe's Acrobat Distiller 1.0, are **priced** under 200 dollars. Adobe also offers the Acrobat Exchange, a low-end product, which does not support JPEG. The Editors' Choice distinction is awarded to Common Ground 1.0, for exceptional ease of operation, and for many convenient features. Farallon's Replica 1.0 shows excellent potential, as well. (A beta version of this software is featured here.) Interleaf, meanwhile, prepares to release WorldView 2, which includes support for SGML. Different products may be adapted to specific purposes, as discussed here.

COMPANY NAME: Hummingbird Ltd (474967); Adobe Systems Inc (394173); Netopia Inc (422932); BroadVision Inc (618608)
SPECIAL FEATURE: Screen Layouts Buyers Guides
DESCRIPTORS: Acrobat; Apple Macintosh; **Document** Management; **Electronic**

Publishing; File **Transfer** ; Integration Software; MacOS; SGML; Word
Processing Utilities
REVISION DATE: 20010830